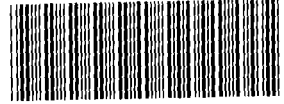


**ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
NEPA and NPDES/FFCA COMPLIANCE
ENVIRONMENTAL CHECKLIST**



000064262

1	Project/Activity Name	Building 964 Demolition
2	Date	4/3/95
3	DR/NC#	NCC-950031
4	Charge Number	989884-NP
5	Work Package Number	12181
6	EG&G Project Manager	T E Kramer, Environmental Restoration Solar Ponds Project
7	RFFO Project Sponsor	Briand Wu, Environmental Restoration Program Division
8	Initiating Line Manager	T E Kramer, Environmental Restoration Solar Ponds Project
9	RFFO Line Manager	J M Roberson, Environmental Restoration Program Division
10	Project Description	

Rocky Flats Environmental Technology Site proposes to demolish Building 964 which is located immediately east of the Solar Ponds (Figure 1). The demolition requires closure of Resource Conservation and Recovery Act (RCRA) Unit 24 in Building 964 in accordance with the Rocky Flats Plant Resource Conservation and Recovery Act (RCRA) Permit and Compliance Documents, Part VIII. One change to that plan would be implemented: removal of the building would leave the concrete slab and soil undisturbed. This NEPA documentation is necessary because although it is a RCRA activity, demolition is scheduled to occur before regulatory agency approval of the OU 4 Interim Measure/Interim Remedial Action Environmental Assessment (IM/IRA/EA) Decision Document in order to expedite closure of the OU.

The purpose of the Decision Document action is to close the Solar Ponds under RCRA and in compliance with the Interagency Agreement (IAG). The overall proposed action is to isolate soil and other remediation wastes under a cap. The cap is planned to cover ponds 207-A and 207-B series and extend to the east, including the present location of Building 964, thus the need for demolition. (See Figure 1.) All cumulative impacts associated with the closure of OU 4 would be addressed in the IM/IRA/EA Decision Document.

Building 964 is a prefabricated, pole-barn type structure. Demolition would be accomplished by unbolting the structure. As required by the closure plan, parts of the building would undergo up to three wash and rinse cycles to decontaminate them. Parts not decontaminated after three cycles would be disposed of. The preferred disposal location would be under the proposed Solar Ponds cap, but could be at other approved on- or off-site locations. Rinsate would be trucked to an existing facility, probably Building 374, for treatment. Other decontamination materials and personnel protective equipment would be managed in accordance with standard plant procedures.

The building slab measures approximately 160 feet by 30 feet. The slab would not be decontaminated and would not be removed. The underlying and surrounding soil would not be sampled or addressed. It is planned to remediate the slab and soil in accordance with the IM/IRA/EA Decision Document.

Approximately 2000 drums of waste currently located in the building would be relocated to the Centralized Waste Storage Facility (CWSF), Building 980, or Tent 2. Approximately 69 drums in Unit 24 contain free liquids, and these drums cannot be stored in the CWSF. These drums would be relocated to the 750 Pad, Building 980, or Tent 2.

Ecology and Watershed Management personnel have been contacted to provide support regarding protection of migratory birds and threatened, endangered, and special concern species.

ADMIN RECCRD

BZ-A-000486 1

Reviewed for Classification/UCNI
By guc Jeff Conyers (1/NO)
Date 4/3/95

1/4

Prior to demolition, a survey for nests would be completed All necessary permits to remove any nests would be obtained before demolition

The cost of the project is estimated at \$133,000 The project is expected to be completed by October 1995

CHECKLIST		YES	NO	NOTES
11	Applicable Statutes and Requirements			
11 1	Will the project require or potentially require a permit application(s) or permit modification(s) under the			
A	Clean Air Act?		✓	
B	Colorado Air Quality Control Commission Regulation 3 - APENs		✓	
C	Clean Water Act?		✓	
11 2	Does the project involve RCRA?			
A	Will a RCRA permit or modification be required?	✓		See Note 1
B	Does the project include a removal?		✓	
C	Does project include RCRA closure?	✓		
	- partial?	✓		
	- full?		✓	
D	Does project include excavation or capping to meet RCRA requirements?		✓	
E	Will cost and duration stay within \$2 million and 12 months? (Explain in Section 11, Project Description)	✓		
11 3	DOE Secretarial Policy on NEPA			
A	Is the project part of an activity required in the Interagency Agreement between the DOE, EPA, and CDPH&E?	✓		See Note 2
B	If the answer to A is YES, is the project described in a document that has been approved by the EPA, or will be approved by the EPA before project work begins?		✓	
C	If the answers to both A and B are YES, has the document been reviewed by NNFC for inclusion of NEPA values?		✓	
11 4	Does the project threaten to violate DOE orders, or statutory, regulatory, or permit requirements?		✓	
11 5	Have all steps been taken to ensure compliance with procedures 1-G98-EPR-END 04, Migratory Bird Evaluation and Protection, and 1-D06-EPR-END 03, Identification and Protection of Threatened, Endangered, and Special-Concern Species?	✓		See Note 3
12	Will the action be in or near an Individual Hazardous Substance Site (IHSS)?	✓		See Note 4
13	Will this project construct or require a new or expanded waste disposal, recovery, storage or treatment facility?		✓	
14	Is project needed to meet a compliance schedule with an external agency? (Describe schedule importance and deadlines in Project Description)		✓	

		<u>YES</u>	<u>NO</u>	<u>NOTES</u>
15	Is the project			
A	A new process, building, etc ?		√	
B	A modification to an existing process, building, etc ?	√	√	
C	An installation of capital equipment/machinery?		√	
16	Will the project be located in, or adversely affect designated			
16 1	Natural areas?		√	
16 2	Prime agricultural land?		√	
16 3	Special water sources?		√	
16 4	Historical, archaeological, or architectural sites?		√	
16 5	Wetlands?		√	
17	Will the project result in, or have the potential to result in, long term changes to the environment?		√	
18	Will the project result in changes or disturbances of the following existing conditions?			
A	Noise levels?	√		See Note 5
B	Air emissions?		√	
C	Liquid effluents?		√	
D	Solid wastes?	√		See Note 6
E	Radioactive wastes (including disturbed or excavate contaminated soil)?	√		See Note 7
F	Hazardous waste?	√		See Note 6
19	Will the project have possible effects on the environment which are likely to be highly controversial?		√	
20	Will the project establish a precedent for future actions that will have significant effects, or represent a "decision in principle" about a future consideration?		√	
21	Will the project be substantially related to other actions that have individually insignificant, but cumulatively significant, impacts?		√	
22	Have pollution prevention measures been considered?	√		

Notes

- 1 A Class I modification to the RCRA Permit would be completed before demolition
- 2 The project is part of the remediation of OU4 as required in the IAG
- 3 The Ecology and Watershed Management branch has been contacted to evaluate all compliance issues All compliance issues would be resolved prior to demolition
- 4 Building 964 is located in IHSS 176
- 5 Noise levels would be elevated during demolition Workers would wear personnel protective equipment as required

- 6 Wastes generated during decontamination and demolition would be managed in accordance with plant procedures
- 7 No soil would be disturbed or excavated. Any radioactive wastes generated would be managed in accordance with plant procedures

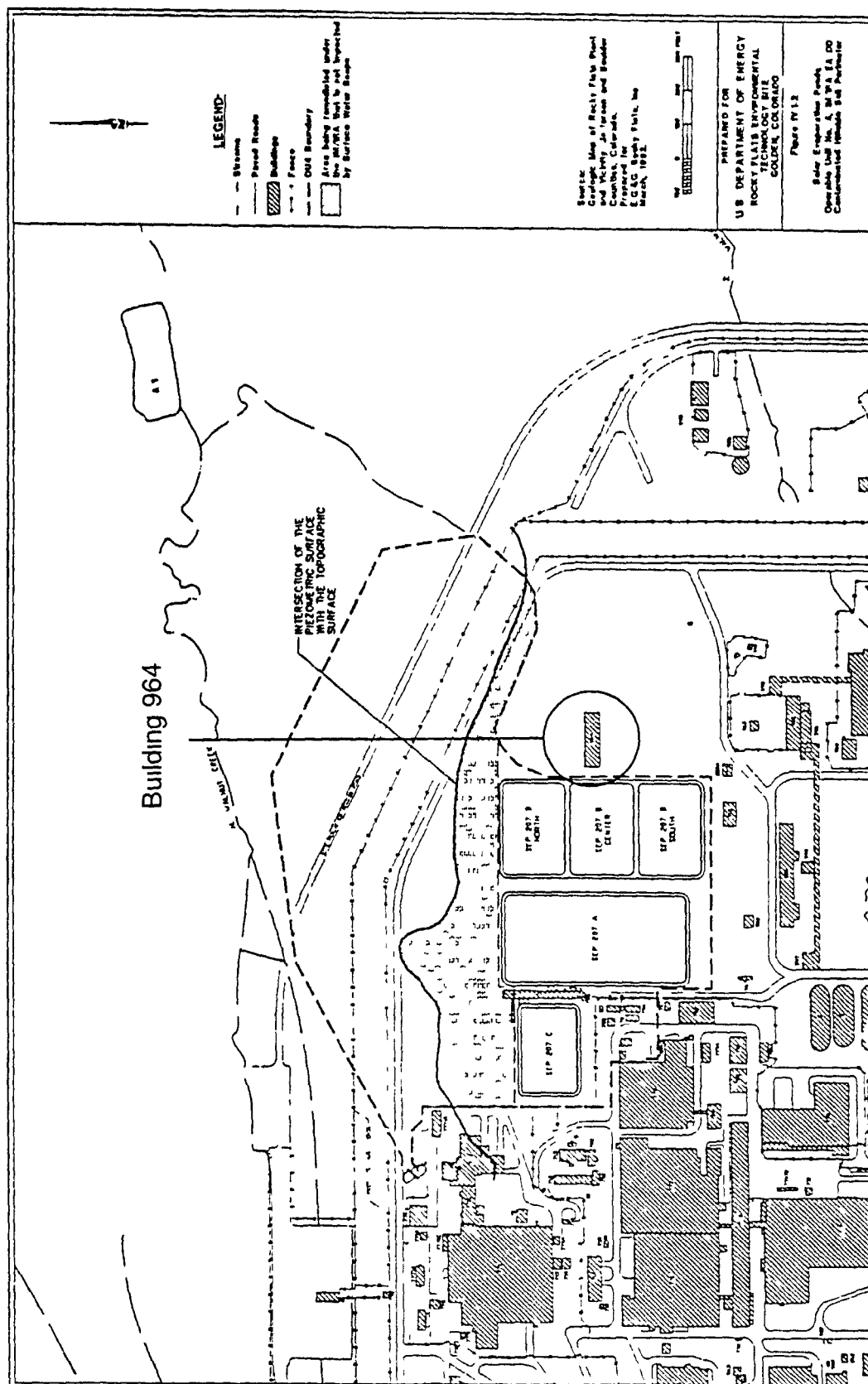


Figure 1

 $\frac{4}{4}$